# EOC of San Francisco, Inc.

Service Area	San Francisco County
Total Low Income Households	71,231

See Footnote #1

## **Households Served and Average Benefit**

	Servio	Statewide	
Program Component	Households Served Average Benefit per Household		Average Benefit per Household
ECIP EHCS Cooling	0	\$0	\$861
ECIP EHCS Heating	159	\$571	\$1,208
ECIP Fast Track	942	\$302	\$351
ECIP WPO	0	\$0	\$322
HEAP Gas & Electric	6270	\$150	\$238
HEAP WPO	0	\$0	\$299
Weatherization	502	\$1,191	\$1,446

See Footnote #2

## Household Income

	Service Area				Statewide	
LIHEAP Eligible Households	Under 100%	101 - 125%	Over 125%	Under 100%	101 - 125%	Over 125%
Census Data	44%	17%	39%	39%	16%	45%

		Service Area				
Program Component	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%	
ECIP EHCS & WPO	80%	3%	11%	1%	6%	
ECIP Fast Track	60%	17%	13%	3%	7%	
HEAP Gas & Electric	21%	11%	41%	20%	6%	
HEAP WPO	0%	0%	0%	0%	0%	
Weatherization	53%	4%	37%	4%	2%	

	Statewide				
Program Component	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	28%	17%	24%	16%	15%
ECIP Fast Track	49%	16%	18%	8%	9%
HEAP Gas & Electric	30%	16%	33%	12%	10%
HEAP WPO	28%	14%	28%	13%	17%
Weatherization	28%	17%	25%	13%	17%

See Footnote #3

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## **Vulnerable Populations**

	Service Area				Statewide	
LIHEAP Eligible Households	Elderly	Disabled	Children Under 5	Elderly	Disabled	Children Under 5
Census Data	46%	44%	3%	33%	37%	8%

	Service Area	Statewide
Program Component	VP HHs to Total HHs	VP HHs to Total HHs
ECIP EHCS & WPO	15%	77%
ECIP Fast Track	50%	81%
HEAP Gas & Electric	80%	76%
HEAP WPO	0%	82%
Weatherization	70%	77%

See Footnote #4

# **Energy Burden**

National Average	15%
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	Service Area
Brogram Component	Average Energy
Program Component	Burden
ECIP Fast Track	34%
HEAP Gas & Electric	9%
Weatherization	7%

See Footnote #5

## **Primary Heating Fuel Type**

	Service Area					
	Natural Gas Electricity Propane Fuel Oil, Kerosene Wood Other					Other
Census Data	57%	35%	1%	0%	0%	6%

	Service Area					
Program Component	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Weatherization	84%	0%	0%	0%	0%	16%

See Footnote #6

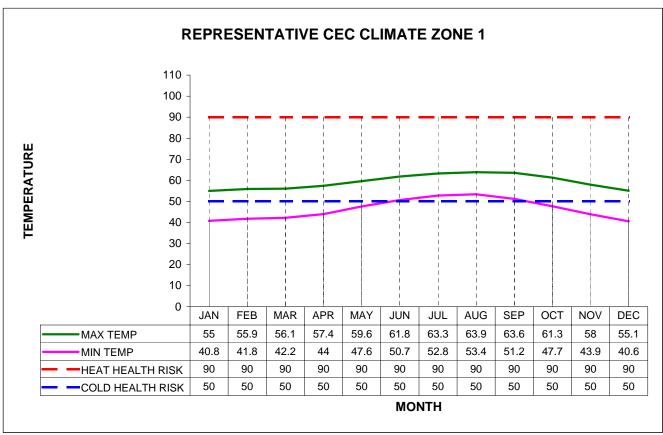
# **ECIP/HEAP Expenditures**

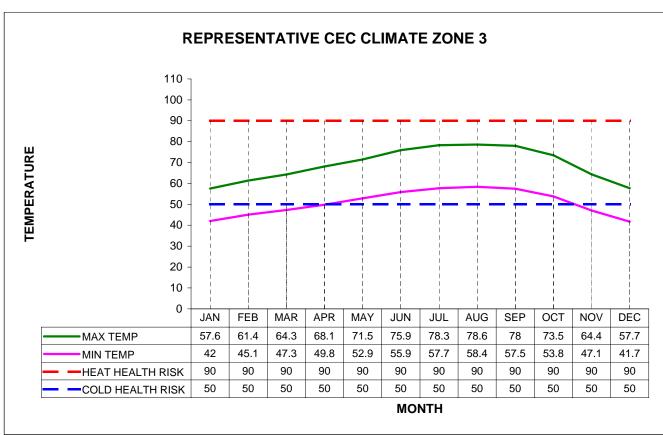
	Service Area	Statewide Range
Program Component	Actual Expenditures	Actual Expenditures
ECIP EHCS	7%	1% - 30%
ECIP Fast Track	22%	7% - 42%
ECIP WPO	0%	1% - 21%
HEAP Gas/Electric	72%	27% - 67%
HEAP WPO	0%	1% - 21%

See Footnote #7

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## **Climate Data**





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## **Climate Data**

CEC Climate Zone Descriptions				
Zone	Description			
1	North coastal			
3	San Francisco bay area			

See Footnote #8

California Energy Commission (CEC) Building Climate Zones by City							
City	Climate Zone	City	Climate Zone				
Farallon Island	1	San Francisco	3				
Golden Gate	3	San Francisco Bay	3				
Gulf of the Farallones	3	Treasure Island Naval Station	3				
Presidio of San Francisco	3						

See Footnote #9

Department of Energy (DOE) Climate Zones by Weather Station							
Weather Station	Cooperative Station ID #	•	Cooling Degree Days (65° base)	DOE Climate Zone			
San Francisco Downtown	47772	2,589	164	4			
San Francisco Oceanside	47767	3,653	17	4			

See Footnote #10

## **Repeat Customers**

	Service Area	Statewide	
Program Component	Repeat Customers	Repeat Customers	
HEAP	27%	20%	
Fast Track	18%	10%	

See Footnote #11

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#### **Footnotes**

#### 1. Total Low Income Households

#### Source:

Census information was provided by the California Department of Finance.

#### 2. Households Served and Average Benefit

- The average benefit per household for ECIP EHCS and Weatherization was calculated by dividing the total direct program activity by the total households served.
- The average benefit per household for Fast Track, WPO and HEAP was calculated by dividing the total benefits received by the total households served.

#### Sources:

- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
- Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.

#### 3. Household Income

#### Sources:

- Census information was provided by the California Department of Finance.
- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.

### 4. Vulnerable Populations

• The number of vulnerable population households is not duplicated.

#### Sources:

- Census information was provided by the California Department of Finance.
- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.

## 5. **Energy Burden**

The energy burden is calculated by dividing the total household energy costs by the total household income.

### Source:

- The national average energy burden was derived from the LIHEAP Home Energy Workbook for Fiscal Year 2005, DHHS, May 2007, page i.
- Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
- Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.

### 6. **Primary Heating Fuel Type**

- Fuel types represent the types of fuels used as the primary heating source for low-income homes.
- The other heating fuel type category includes but is not limited to solar, coal and non-existent heating.

#### Source:

- Census information was provided by the California Department of Finance.
- Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2006, the first year that fuel types were collected for LIHEAP.

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#### **Footnotes**

## 7. ECIP/HEAP Expenditures

- The expenditure ratios were calculated by dividing the total expenditures for each program by the sum total of all program expenditures included in this analysis.
- One standard deviation was used to determine the statewide ranges over a period of five years. For normally distributed data, about 68% of the values are within 1 standard deviation of the average. Sources:
- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Years 2002 through 2006.
- Fast Track and HEAP data was derived from the CLASS database for Program Years 2002 through 2006.

### 8. Representative CEC Climate Zones

- Heat and Cold Level 1 is categorized as cautionary.
- Heat and Cold Level 2 is categorized as extremely cautionary. Source:
- Cautionary levels of temperature were obtained from the California Office of Emergency Services.
- Average monthly maximum and minimum temperatures were derived from the National Oceanic and Atmospheric Administration (NOAA), Monthly Station Normals of Temperature, Precipitation and Heating and Cooling Degree Days 1971-2000, 04 California, February 2002.

## 9. CEC Building Climate Zones by City

#### Source:

 Climate zone data was obtained from the Joint Appendices for the 2005 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, October 2004, Table II.2.

#### 10. **DOE Climate Zones by Weather Station**

- Heating and cooling degree days are used to categorize weather stations within a service area into DOE climate zones using a pre-established range of heating and cooling degree days.
- A degree day is calculated by subtracting the average temperature of the day from the degree day base. If it is a heating degree day, it is the difference below the base. If it is a cooling degree day, it is the difference above the base. The degree days are averaged over a 30-year period.

#### Source:

 Weather stations and degree days were obtained from the National Oceanic & Atmospheric Administration (NOAA), Annual Degree Days to Selected Bases, 1971-2000, released 6/20/02.

### 11. Repeat Customers

• The rate of repeat customers receiving utility assistance was calculated by dividing the total customers receiving services two or more consecutive program years by the total customers served from Program Years 2004 through 2006.

#### Source:

 Fast Track and HEAP data was derived from the CLASS database for Program Years 2004 through 2006.

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